

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042678.D
 Acq On : 09 Nov 2023 19:10
 Operator : MA/JU
 Sample : 05102-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 67S-IDW-01

Quant Time: Nov 09 23:53:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

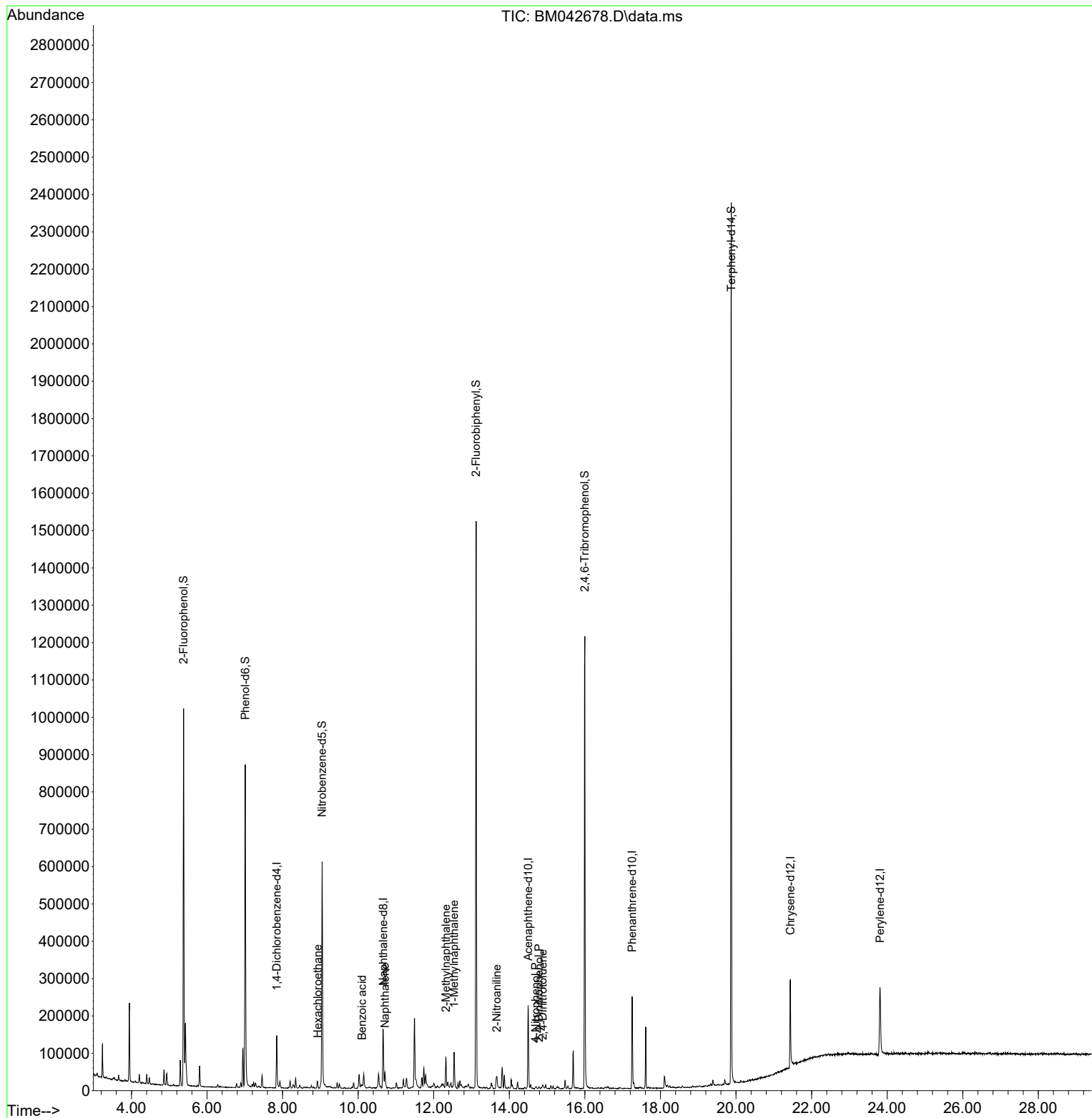
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	30046	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	108051	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	68503	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	138304	20.000	ng	0.00
76) Chrysene-d12	21.439	240	121528	20.000	ng	# 0.00
86) Perylene-d12	23.809	264	149912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	315104	169.254	ng	0.00
7) Phenol-d6	7.010	99	370215	144.996	ng	0.00
23) Nitrobenzene-d5	9.045	82	310349	133.894	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	172034	192.353	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	628306	123.418	ng	0.00
79) Terphenyl-d14	19.874	244	979693	136.691	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.928	117	2034	2.367	ng	# 1
31) Naphthalene	10.710	128	26686	4.780	ng	96
32) Benzoic acid	10.104	122	1925	5.490	ng	# 32
37) 2-Methylnaphthalene	12.321	142	33757	8.586	ng	93
38) 1-Methylnaphthalene	12.539	142	35323	9.545	ng	# 96
48) 2-Nitroaniline	13.668	65	874	4.864	ng	# 13
54) 2,4-Dinitrophenol	14.786	184	553	8.414	ng	# 39
56) 4-Nitrophenol	14.698	139	59	7.010	ng	# 1
57) 2,4-Dinitrotoluene	14.886	165	134	4.048	ng	# 21

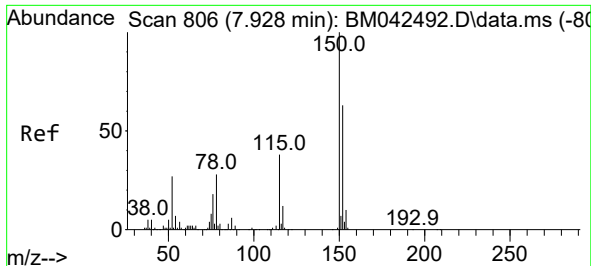
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
Data File : BM042678.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
67S-IDW-01

Quant Time: Nov 09 23:53:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

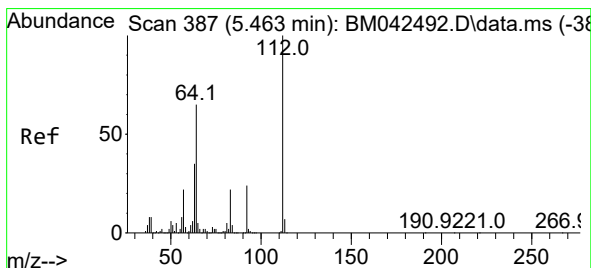
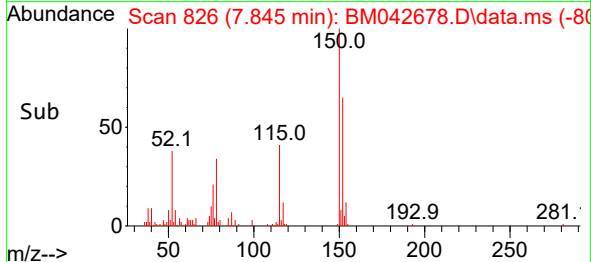
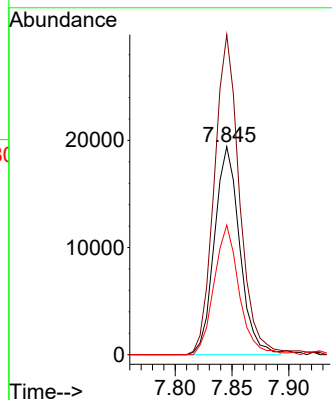
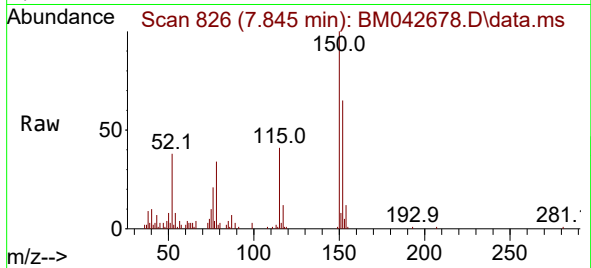




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

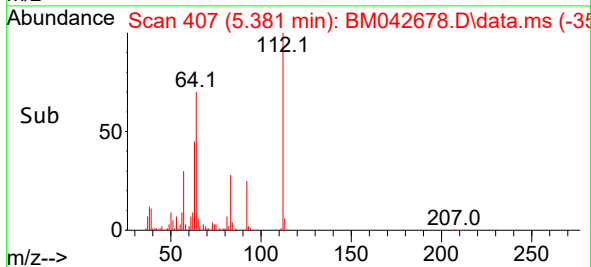
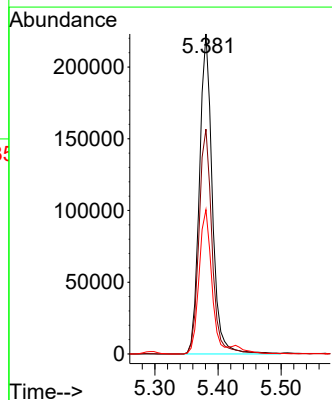
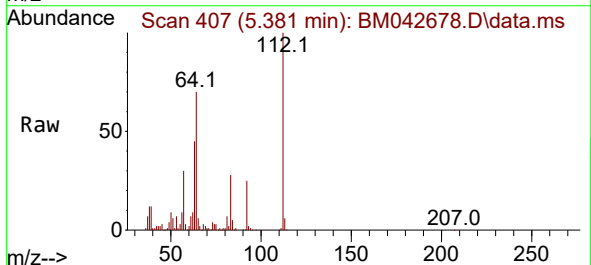
Instrument :
BNA_M
ClientSampleId :
67S-IDW-01

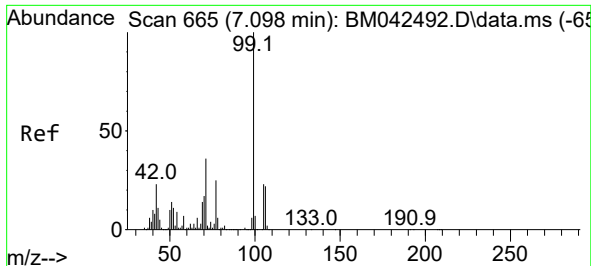
Tgt Ion:152 Resp: 30046
Ion Ratio Lower Upper
152 100
150 153.9 127.4 191.0
115 62.3 47.9 71.9



#5
2-Fluorophenol
Concen: 169.254 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

Tgt Ion:112 Resp: 315104
Ion Ratio Lower Upper
112 100
64 70.2 52.1 78.1
63 45.1 28.3 42.5

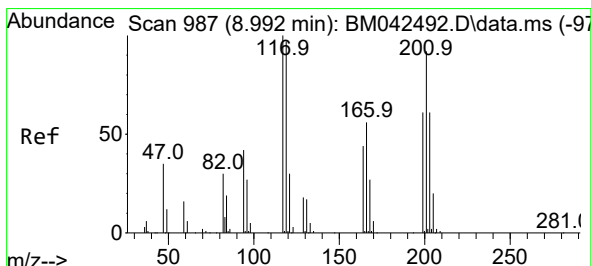
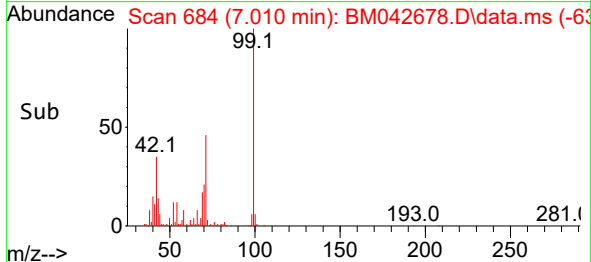
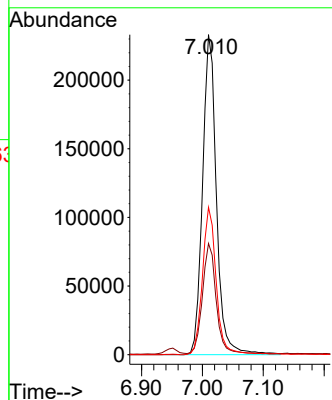
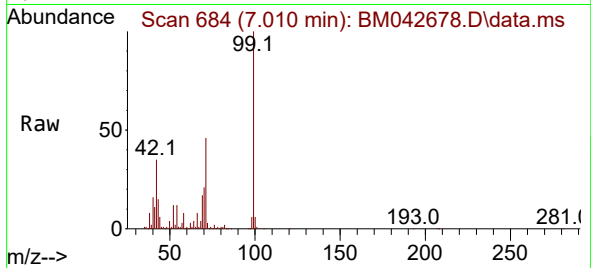




#7
Phenol-d6
Concen: 144.996 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

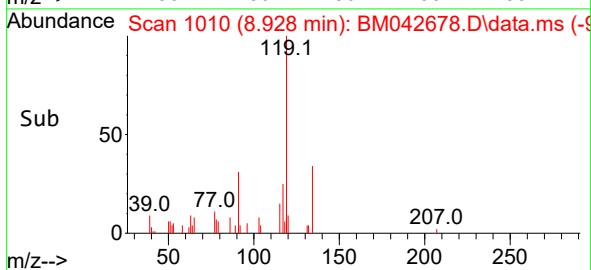
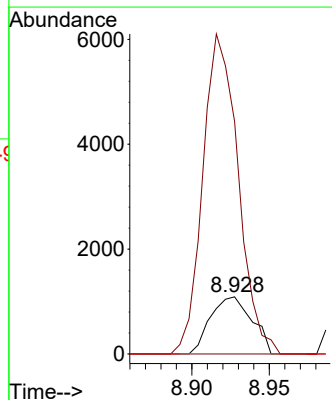
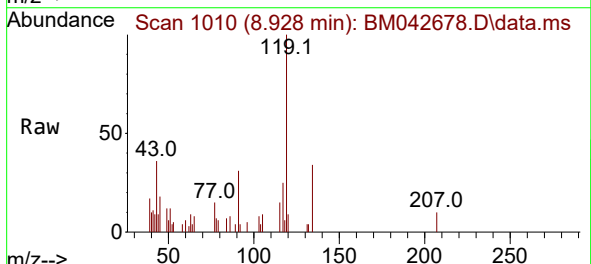
Instrument :
BNA_M
ClientSampleId :
67S-IDW-01

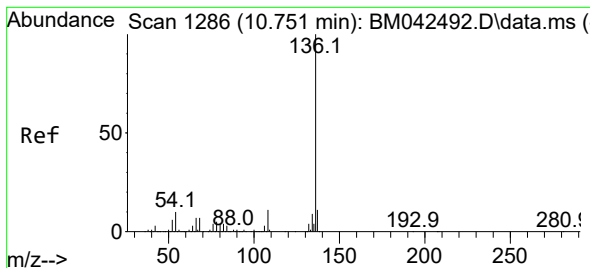
Tgt Ion: 99 Resp: 370215
Ion Ratio Lower Upper
99 100
42 34.7 18.7 28.1#
71 46.0 29.1 43.7#



#18
Hexachloroethane
Concen: 2.367 ng
RT: 8.928 min Scan# 1010
Delta R.T. 0.023 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

Tgt Ion: 117 Resp: 2034
Ion Ratio Lower Upper
117 100
119 406.7 77.9 116.9#
201 0.0 73.7 110.5#



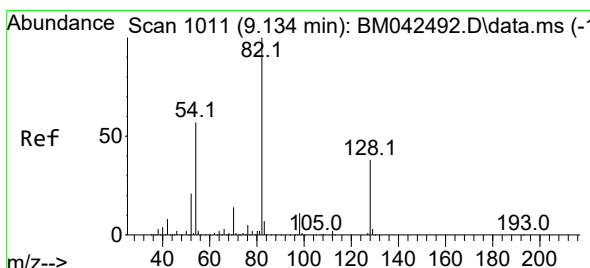
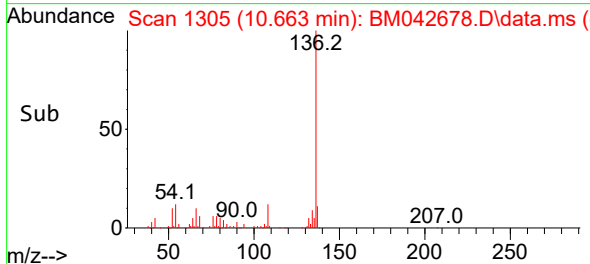
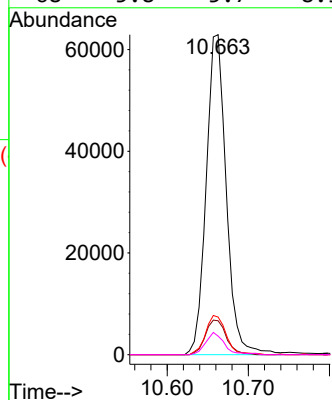
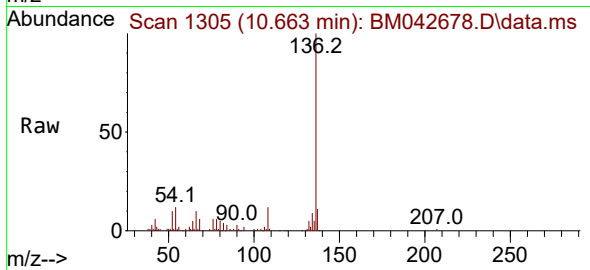


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

Instrument :
BNA_M
ClientSampleId :
67S-IDW-01

Tgt Ion:136 Resp: 108051

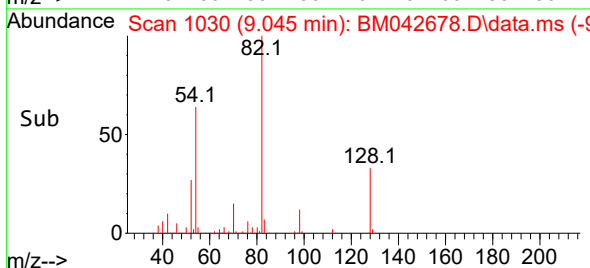
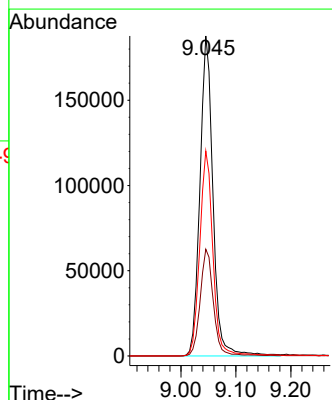
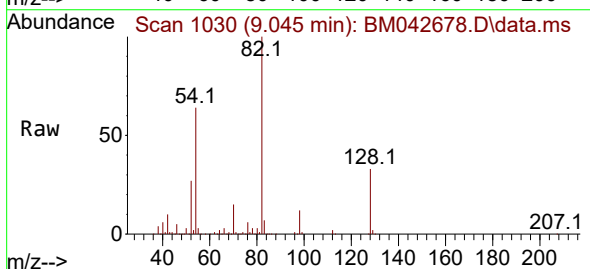
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	11.7	8.0	12.0
68	5.8	5.7	8.5

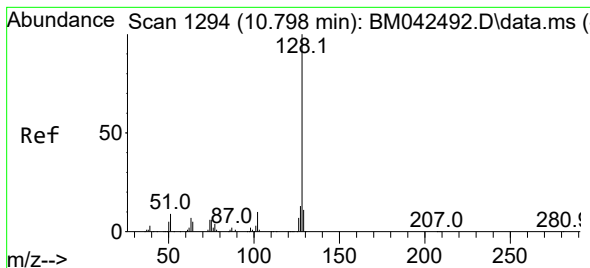


#23
Nitrobenzene-d5
Concen: 133.894 ng
RT: 9.045 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

Tgt Ion: 82 Resp: 310349

Ion	Ratio	Lower	Upper
82	100		
128	33.3	30.7	46.1
54	64.1	45.3	67.9





#31

Naphthalene

Concen: 4.780 ng

RT: 10.710 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

Instrument :

BNA_M

ClientSampleId :

67S-IDW-01

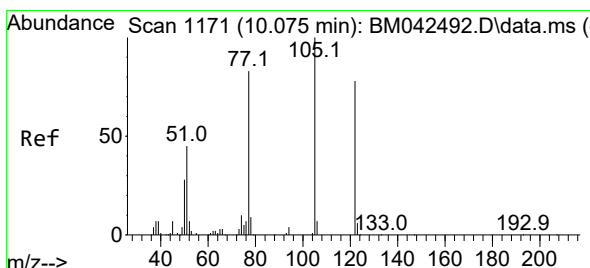
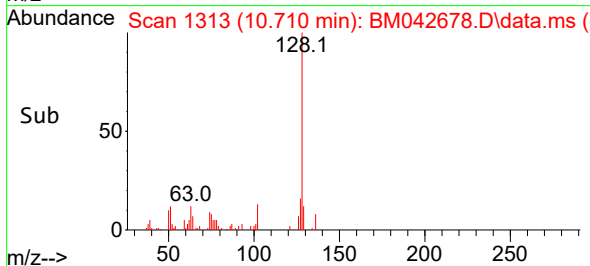
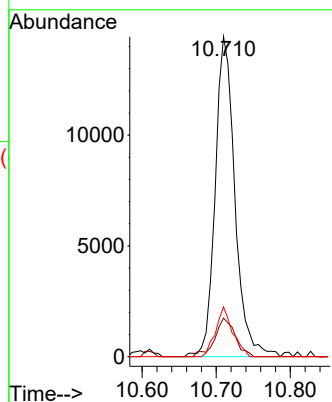
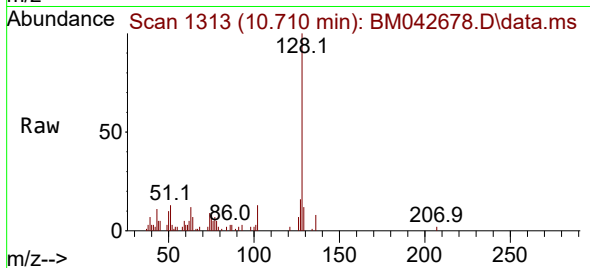
Tgt Ion:128 Resp: 26686

Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

127 15.5 10.6 15.8



#32

Benzoic acid

Concen: 5.490 ng

RT: 10.104 min Scan# 1210

Delta R.T. 0.112 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

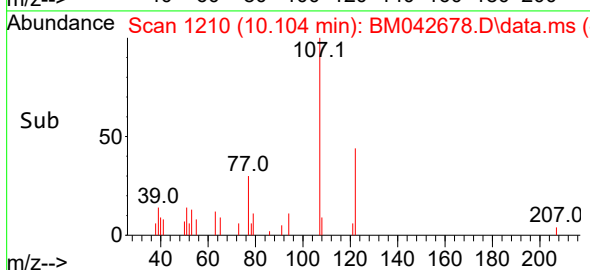
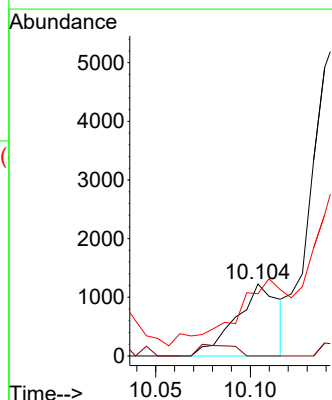
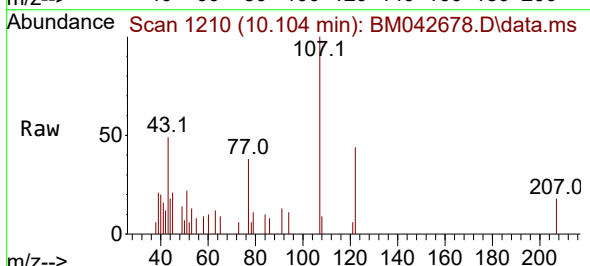
Tgt Ion:122 Resp: 1925

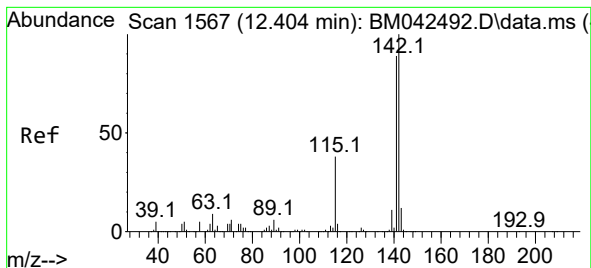
Ion Ratio Lower Upper

122 100

105 0.0 105.2 145.2#

77 86.5 84.8 124.8





#37

2-Methylnaphthalene

Concen: 8.586 ng

RT: 12.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

Instrument :

BNA_M

ClientSampleId :

67S-IDW-01

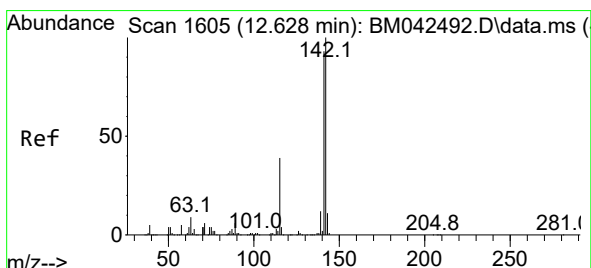
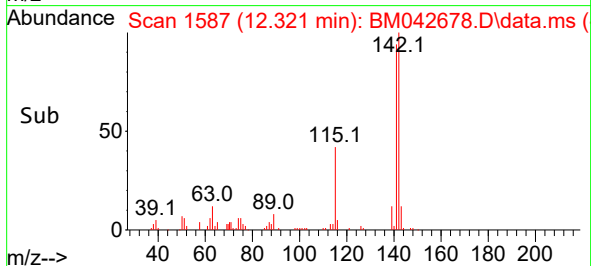
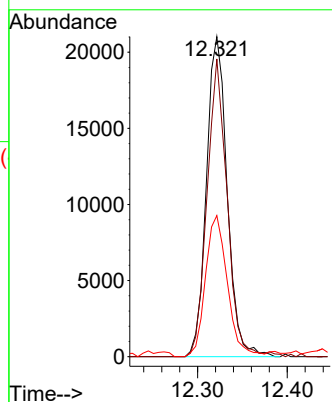
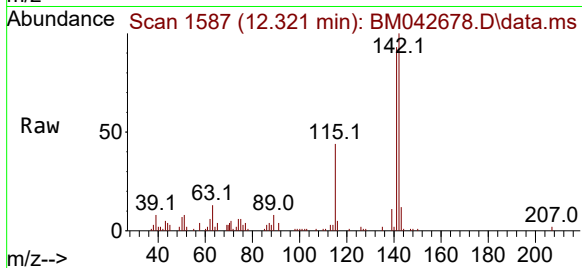
Tgt Ion:142 Resp: 33757

Ion Ratio Lower Upper

142 100

141 93.0 70.9 106.3

115 44.1 30.2 45.2



#38

1-Methylnaphthalene

Concen: 9.545 ng

RT: 12.539 min Scan# 1624

Delta R.T. -0.006 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

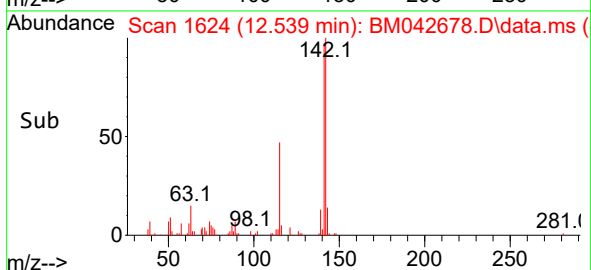
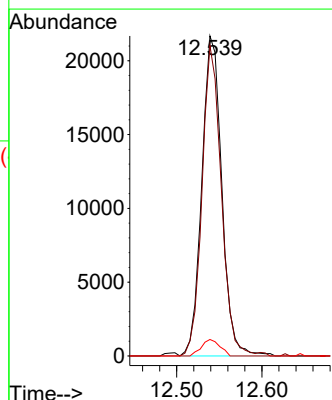
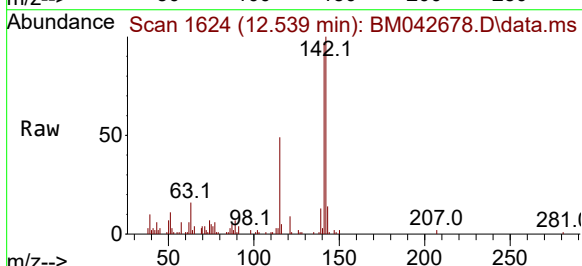
Tgt Ion:142 Resp: 35323

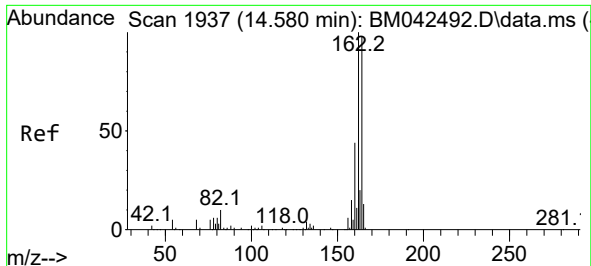
Ion Ratio Lower Upper

142 100

141 97.0 74.4 111.6

116 5.2 3.2 4.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.498 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

Instrument :

BNA_M

ClientSampleId :

67S-IDW-01

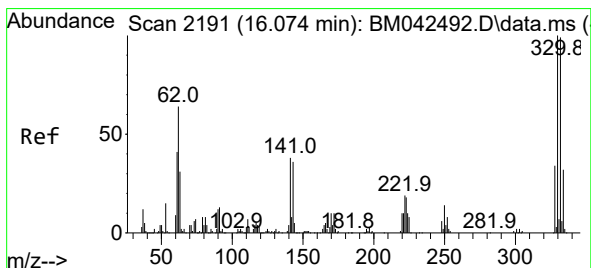
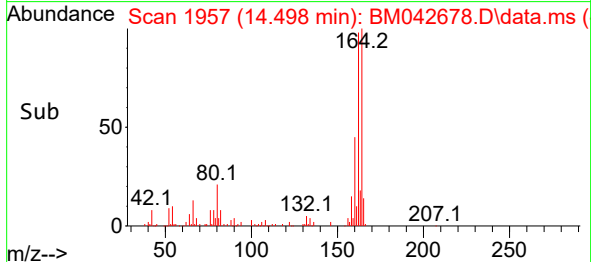
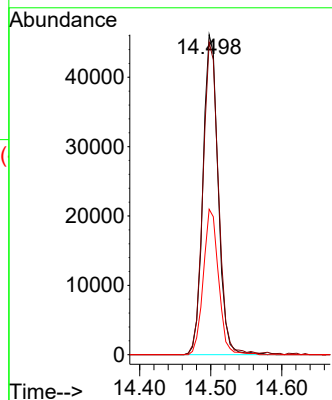
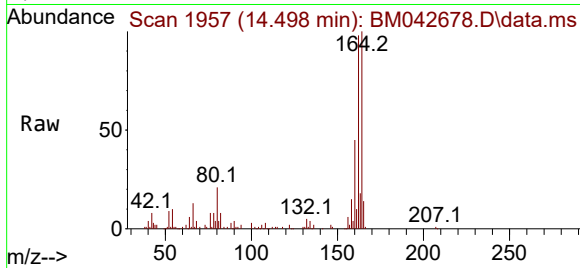
Tgt Ion:164 Resp: 68503

Ion Ratio Lower Upper

164 100

162 97.6 81.6 122.4

160 45.5 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 192.353 ng

RT: 15.998 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

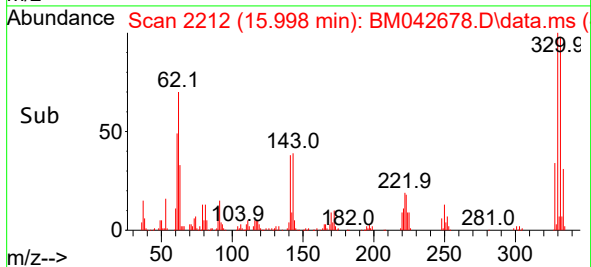
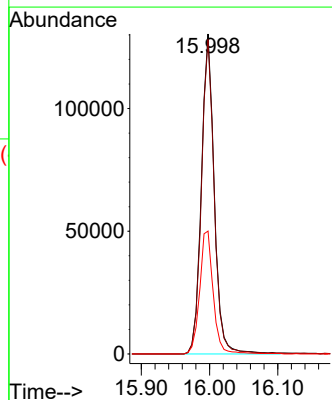
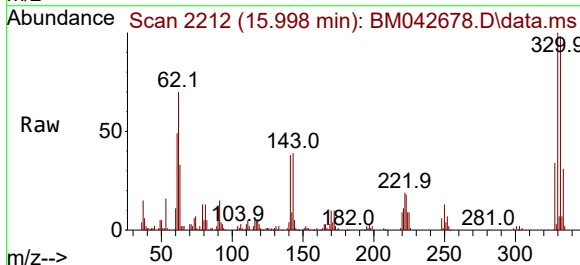
Tgt Ion:330 Resp: 172034

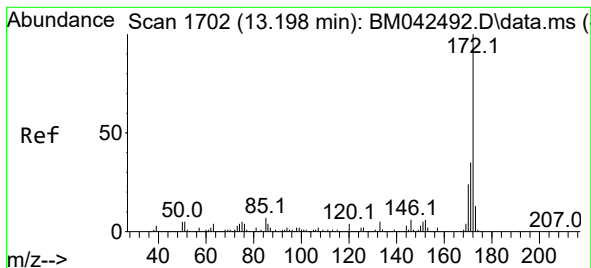
Ion Ratio Lower Upper

330 100

332 97.1 78.8 118.2

141 40.3 31.1 46.7





#45

2-Fluorobiphenyl

Concen: 123.418 ng

RT: 13.121 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM042678.D

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67S-IDW-01

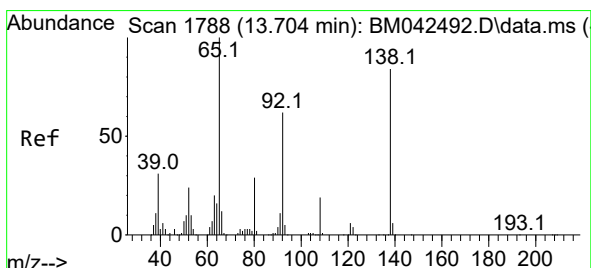
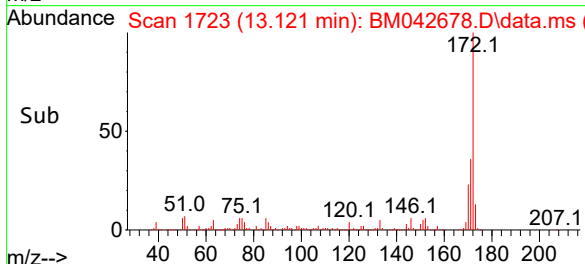
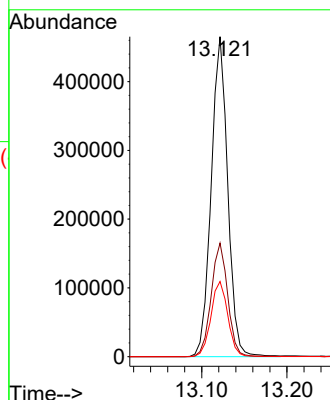
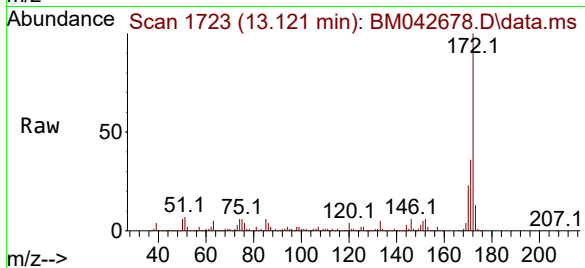
Tgt Ion:172 Resp: 628306

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.5 19.0 28.4



#48

2-Nitroaniline

Concen: 4.864 ng

RT: 13.668 min Scan# 1816

Delta R.T. 0.035 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

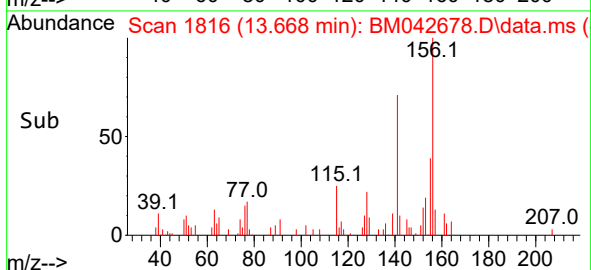
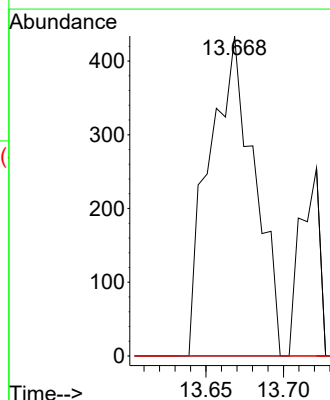
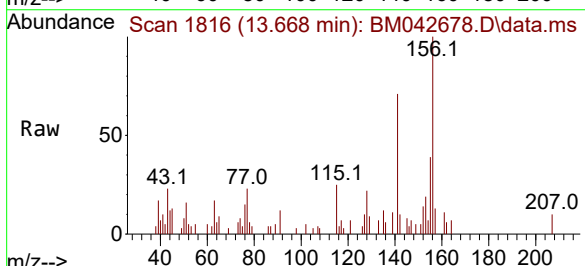
Tgt Ion: 65 Resp: 874

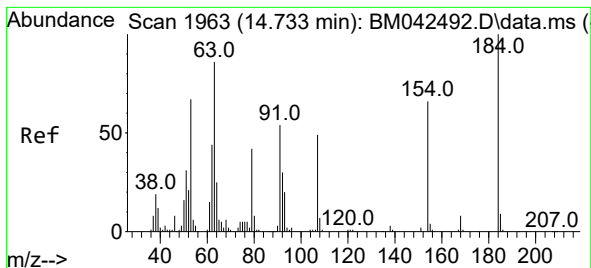
Ion Ratio Lower Upper

65 100

92 0.0 49.4 74.2#

138 0.0 66.9 100.3#





#54

2,4-Dinitrophenol

Concen: 8.414 ng

RT: 14.786 min Scan# 20

Delta R.T. 0.118 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

Instrument :

BNA_M

ClientSampleId :

67S-IDW-01

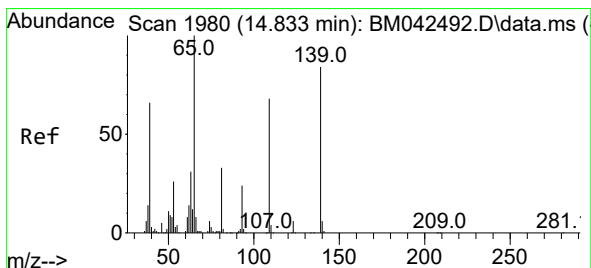
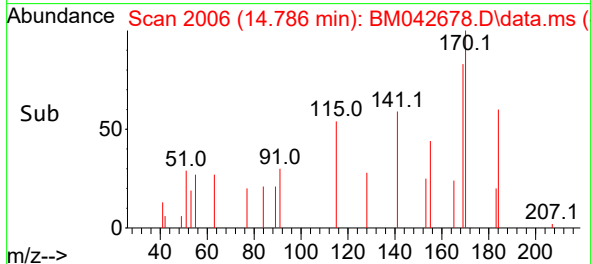
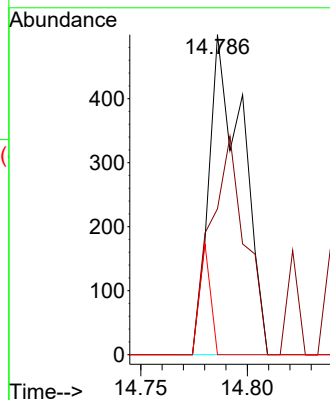
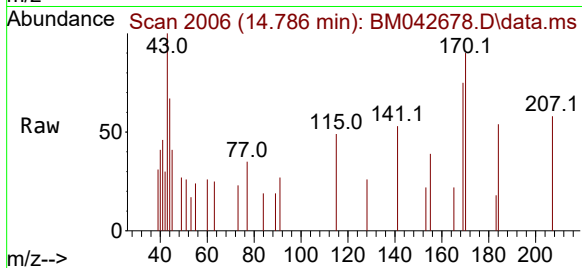
Tgt Ion:184 Resp: 553

Ion Ratio Lower Upper

184 100

63 45.6 69.2 103.8#

154 0.0 53.2 79.8#



#56

4-Nitrophenol

Concen: 7.010 ng

RT: 14.698 min Scan# 1991

Delta R.T. -0.059 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

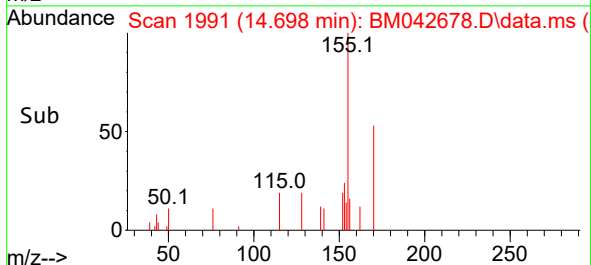
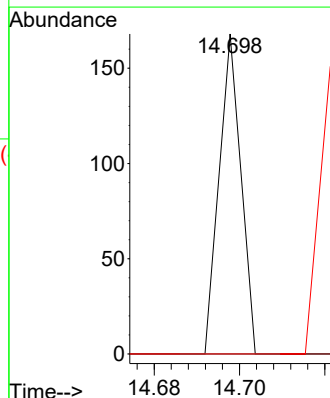
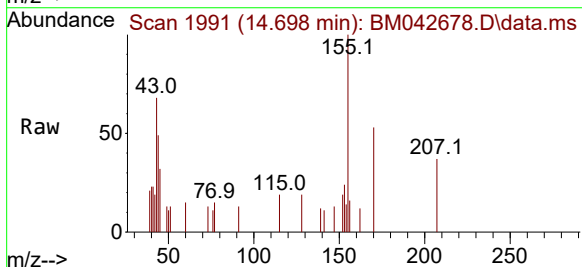
Tgt Ion:139 Resp: 59

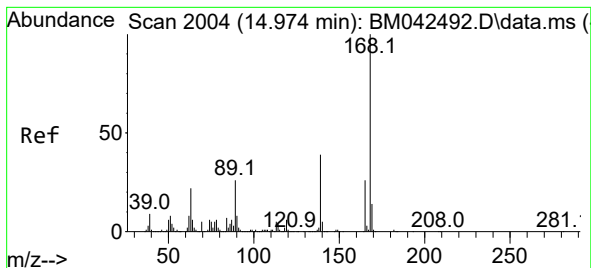
Ion Ratio Lower Upper

139 100

109 0.0 61.3 101.3#

65 0.0 100.2 140.2#





#57

2,4-Dinitrotoluene

Concen: 4.048 ng

RT: 14.886 min Scan# 20

Delta R.T. -0.024 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

Instrument :

BNA_M

ClientSampleId :

67S-IDW-01

Tgt Ion:165 Resp: 134

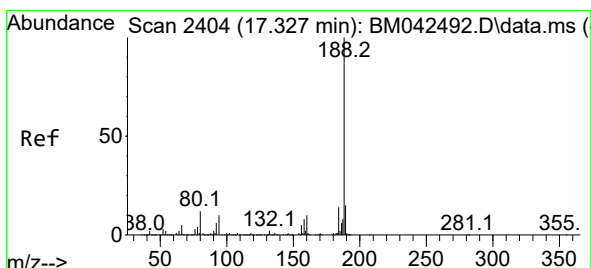
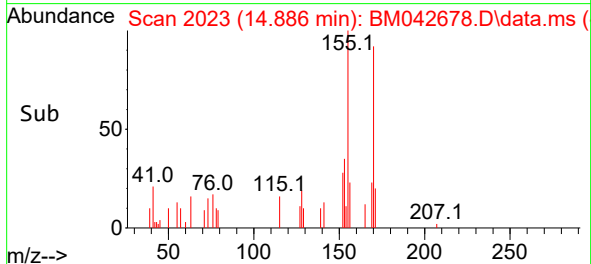
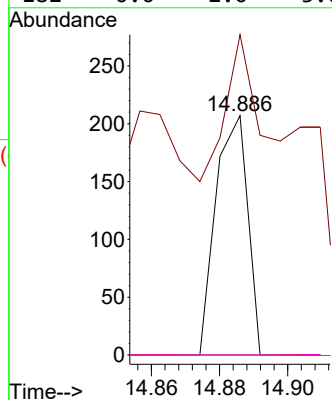
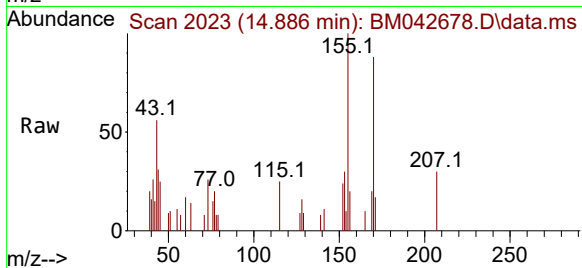
Ion Ratio Lower Upper

165 100

63 133.8 66.7 100.1#

89 0.0 80.2 120.4#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

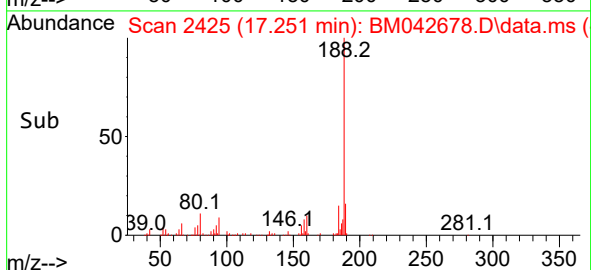
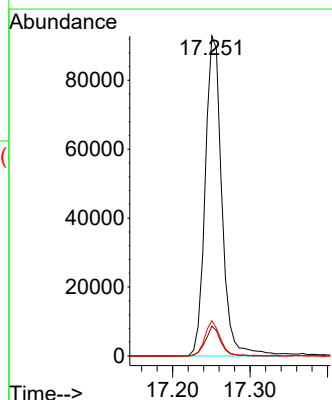
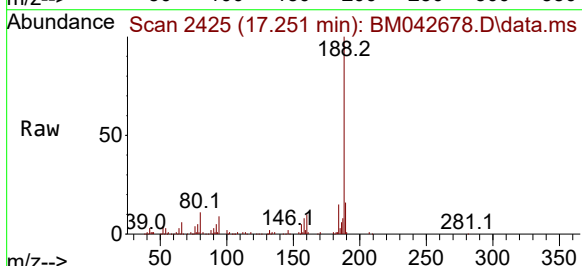
Tgt Ion:188 Resp: 138304

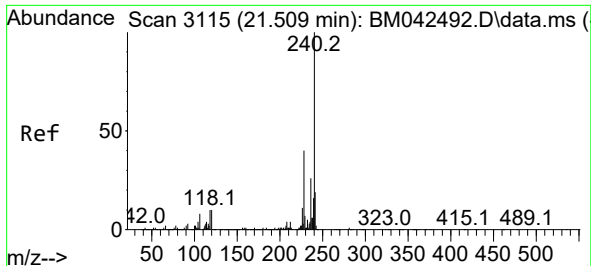
Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

80 11.0 9.4 14.2

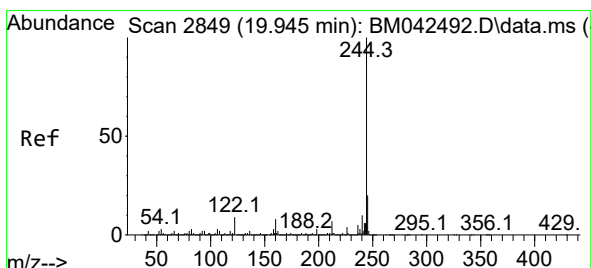
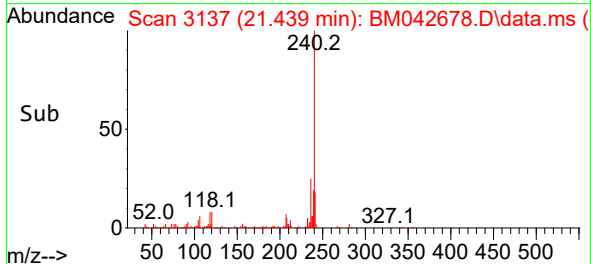
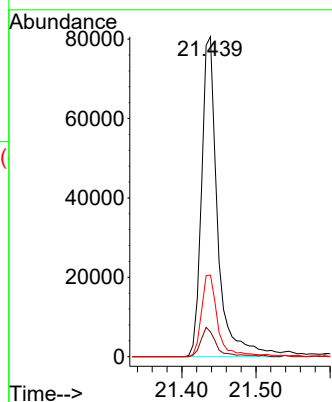
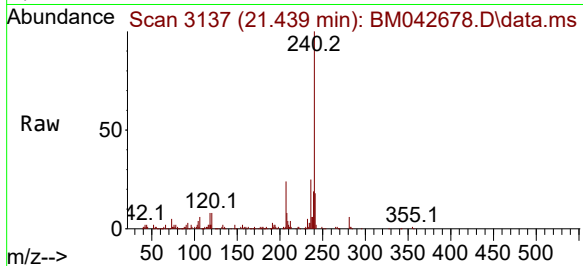




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

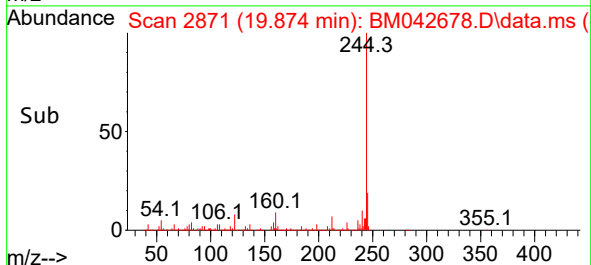
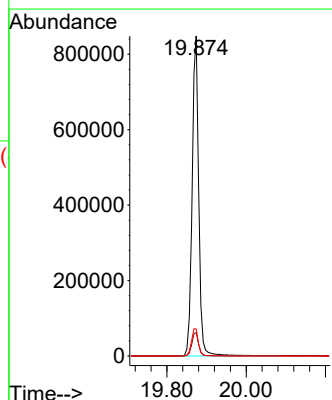
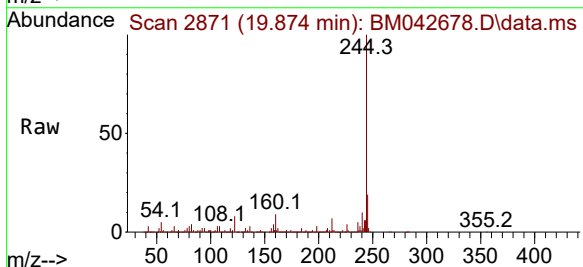
Instrument :
BNA_M
ClientSampleId :
67S-IDW-01

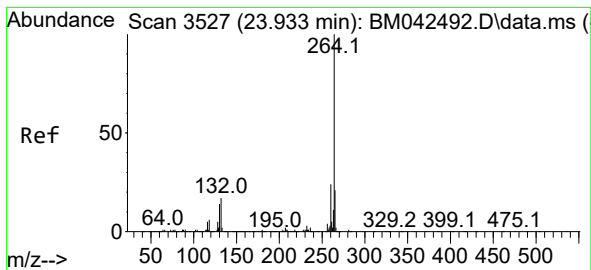
Tgt Ion:240 Resp: 121528
Ion Ratio Lower Upper
240 100
120 7.7 8.3 12.5#
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 136.691 ng
RT: 19.874 min Scan# 2871
Delta R.T. -0.000 min
Lab File: BM042678.D
Acq: 09 Nov 2023 19:10

Tgt Ion:244 Resp: 979693
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 8.5 7.2 10.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.809 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM042678.D

Acq: 09 Nov 2023 19:10

Instrument :

BNA_M

ClientSampleId :

67S-IDW-01

Tgt Ion:264 Resp: 149912

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

265 23.6 18.7 28.1

